



The Chemical Company

# MASTERFIBRE ECONO-MONO

Polypropylene fibre micro-reinforcement system

## MANUFACTURER

Forta Corporation

## DESCRIPTION

**MASTERFIBRE ECONO-MONO** is an easy to finish, fully oriented, 100% virgin homopolymer monofilament fibrous reinforcement.

This economy grade fibre offers long term durability and functions as a plastic shrinkage reinforcement intended to reduce the formation of shrinkage cracks prior to initial set and to reduce settlement shrinkage.

**MASTERFIBRE ECONO-MONO** is non-corrosive, non-magnetic, chemically inert, and 100% alkali proof.

## RECOMMENDED FOR

**MASTERFIBRE ECONO-MONO** is used in concrete applications such as slab-on-grade, curbs, driveways, pavements, basement floors, garage floors, colour concrete and small precast products to control plastic shrinkage cracking while improving basic durability properties.

**MASTERFIBRE ECONO-MONO** requires no mix design or placement changes.

## PROPERTIES

|                                |                                  |
|--------------------------------|----------------------------------|
| <b>Material:</b>               | Virgin Homopolymer Polypropylene |
| <b>Form:</b>                   | Monofilament Fibre               |
| <b>Specific Gravity:</b>       | 0.91                             |
| <b>Tensile Strength:</b>       | 620-758 MPa (90-110 ksi.)        |
| <b>Lengths:</b>                | 19mm                             |
| <b>Colour:</b>                 | White                            |
| <b>Acid/Alkali Resistance:</b> | Excellent                        |
| <b>Absorption:</b>             | Nil                              |
| <b>Compliance:</b>             | ASTM C-1116                      |

## APPLICATION

The recommended dosage rate of **MASTERFIBRE ECONO-MONO** is 0.6kg per cubic metre of concrete added directly to the concrete mixing system during, or after, the batching of the other ingredients and mixed at the time and speed recommended by the mixer manufacturer (usually four to five minutes).

## PACKAGING

|         |                       |
|---------|-----------------------|
| Bags    | 0.6kg                 |
| Cartons | 30 bags               |
| Pallets | 12 cartons / 360 bags |

## PRECAUTIONS

For the full health and safety hazard information and how to safely handle and use this product, please make sure that you obtain a copy of the BASF **Material Safety Data Sheet (MSDS)** from our office or our website.



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**AMFEcono-Mono/5/0711**

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## STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this **BASF** publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

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## NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by **BASF** either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not **BASF**, are responsible for carrying out procedures appropriate to a specific application.

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